

10-9566: Recombinant Rabbit Monoclonal Antibody to Acetylated Histone H4 Lysine 16 (K16ac) (Clone: RM204)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM204
Application :	WB,ELISA,Multiplex
Reactivity :	All Species
Gene :	HIST1H4A
Gene ID :	121504
Uniprot ID :	P62805
Format :	Purified
Alternative Name :	H4/A, H4FA
Isotype :	Rabbit IgG
Immunogen Information :	An acetyl-peptide corresponding to the Acetyl-Histone H4 (Lys16).

Product Info

Amount :	100 µg
Purification :	Protein A affinity purified from an animal origin-free culture supernatant
Content :	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage condition :	Store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Clone RM204 reacts to Histone H4 acetylated at Lysine 16 (K16ac). No cross reactivity with other acetylated Lysines in Histone H4. Western Blot: 0.5 µg/ml - 2 µg/ml; ELISA: 0.5 µg/ml - 1 µg/ml; Multiplex: 0.5 µg/ml - 2 µg/ml.

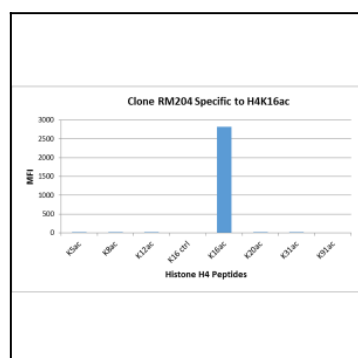


Figure 1: Clone: RM204 specifically reacts to Histone H4 acetylated at Lysine 16 (K16ac). No cross reactivity with unmodified Lysine 16 (K16 ctrl), acetylated Lysine 5 (K5ac), Lysine 8 (K8ac), Lysine 12 (K12ac), Lysine 20 (K20ac), Lysine 31 (K31ac), or Lysine 91 (K91) in Histone H4.

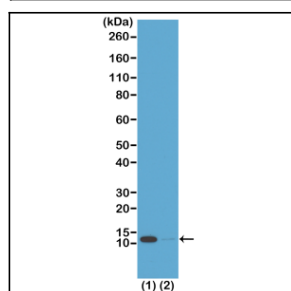


Figure 2: Western Blot of acid extracts from: (1) HeLa cells treated with sodium butyrate; (2) HeLa cells untreated. Using Clone: RM204 at 0.5 µg/ml, showed a band of Histone H4 acetylated at Lysine 16 in HeLa cells.